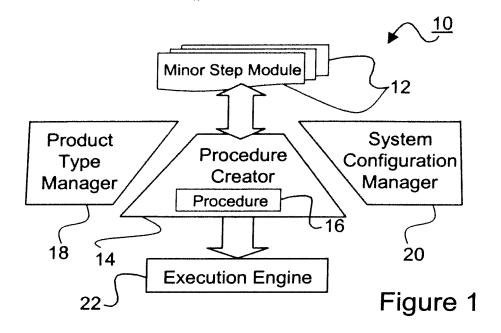
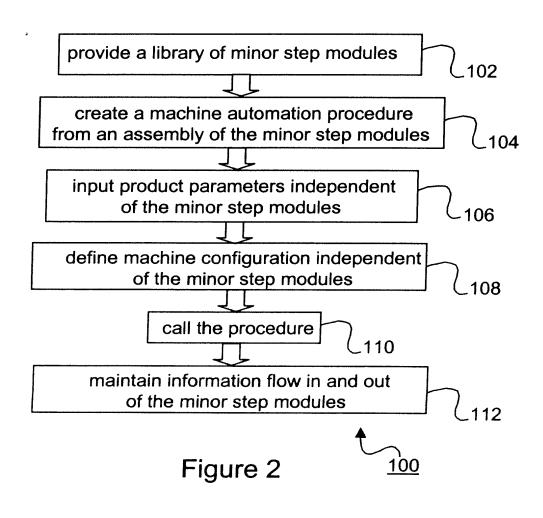
Docket #: 881-011406-US (PAR) S/N: 10/618,800 Title: "MODULAR SYSTEM..." Inventor(s): Dean Mills Page 1 of 7 "Replacement Sheet"





"Replacement Sheet" Browse Update 1 Abort Acknowledge OR OR [1363 Linamar AVNT▼] [Run Proc.] [RunCurrentStep] Edit Mode **(III)** (III) **(ID)** OD 00000 0000.0 00000 0000.0 0000.0 1.0000 0000.0 Ĭ Please Select. Please Select || || Data Channel Comparison • 1 Single Step Select Data Channel Select Data Channel Select Data Channel Select Data Channel Minor Step Type Robot Clear Auto Mode EStop Label Step Message Minor Step Type Major Step Type Normal N Save Properties \_ sloo\_ Procedure Creator - Editing Procedure DRead EStop State
DRead Robot Clear State
DRead Auto Mode State 363-Check Status Procedure Add ▼ Clone Delete File Edit Utility Help D Halt the Process ∴ End IF 16a **12a** 

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Inventor(s): Dean Mills

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Figure 3a

"Replacement Sheet" **Update** Browse Abort Acknowledge [1363 Linamar AVNT▼] [Run Proc.] [RunCurrentStep] Edit Mode 363 Measure Part Please Select Single Step Label Measure Part Minor Step Type Step Message Major Step Type Normal ▼ sloo 4 H Save Properties Procedure Creator - Editing Procedure D Wait for Part

Set Running' Data Channel to Low

Output Ready to Access HIGH

Wait for Start Test

Wait for Part Present

Set Running" Dat Channel to High

Read Part type

D Road Lathe #

D END Wait for Part

D Measure Part

D Ium On Light #1

Um On Light #1

D Wait for Cylinder Switch

Raise Gauge-Position #1

D Wait for Cylinder Switch

D Lower Gauge-Position #1

C Wait for Cylinder Switch

D Wait for Cylinder Switch

D Wait for Cylinder Switch ▶ Turn Off Light #1 Turn Off Light #2 Lower Gauge-Position #2 Wait for Cylinder Switch Set 'Running' Data Channel Low Acquire Image from Camera 1 Filp Image Acquire Image from Camera 2 Process Image 1363-Check Status Procedure Advance Part Shuttle Wait for Cylinder Switch Raise Gauge -Position #2 Wait for Cylinder Switch Read LVDT-Position #2 File Edit Utility Help Clone Add ▼ Add 2

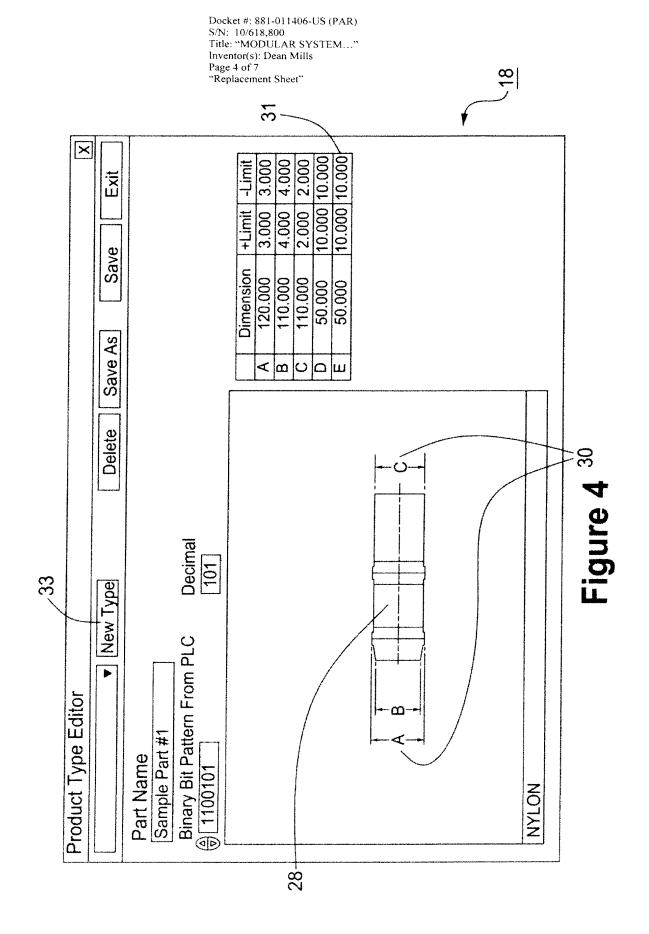
Docket #: 881-011406-US (PAR)

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Inventor(s): Dean Mills

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Figure 3b



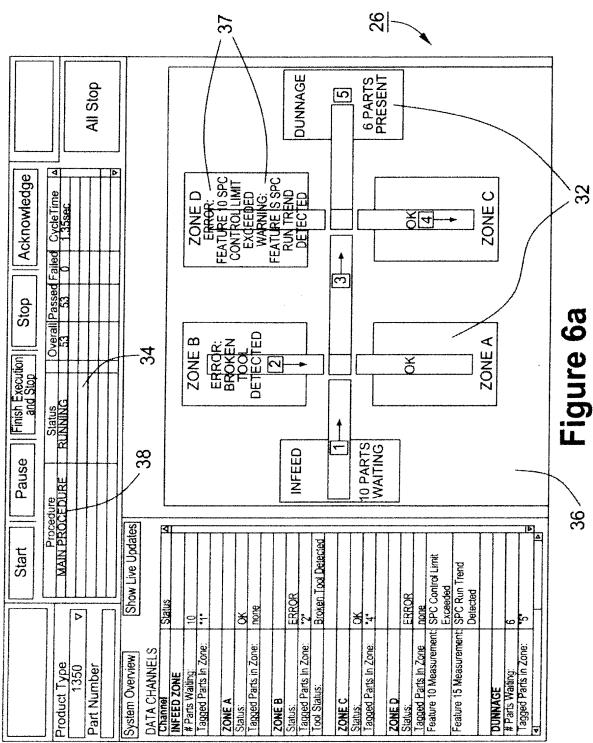
Title: "MODULAR SYSTEM..."
Inventor(s): Dean Mills
Page 5 of 7 "Replacement Sheet" × Cancel DIGITAL OUT DIGITAL IN ANALOG OUT ANALOG IN DIGITAL MULTIMETER Apply Δ Fault Beacon
Access Door
Operator Alarm Buzzer
Fiber Load Chuck
Bypass Refay 1
Glue Dispense A Raise Lower
Glue Dispense B Raise Lower
Glue Dispense B Raise Lower
Submount Probe Block Spare 2 Reflow Laser Raise/Lower Fiber Alignment Chuch Extend Channel Name Cover Gas Valve A Cover Gas Valve B Hardware Not Installed Spare 1 Channel Number იო4ო**ო**⊢**ოთ**ნ<u></u>11754₽₽ ⊽ Þ System Configuration Temperature Controller Configura Please select one module to confi Laser\_UV Curing Configuration Software Configuration Motion Configuration Vision Configuration Config Module List DAQ Configuration Exfo Configuration Misc Configuration About

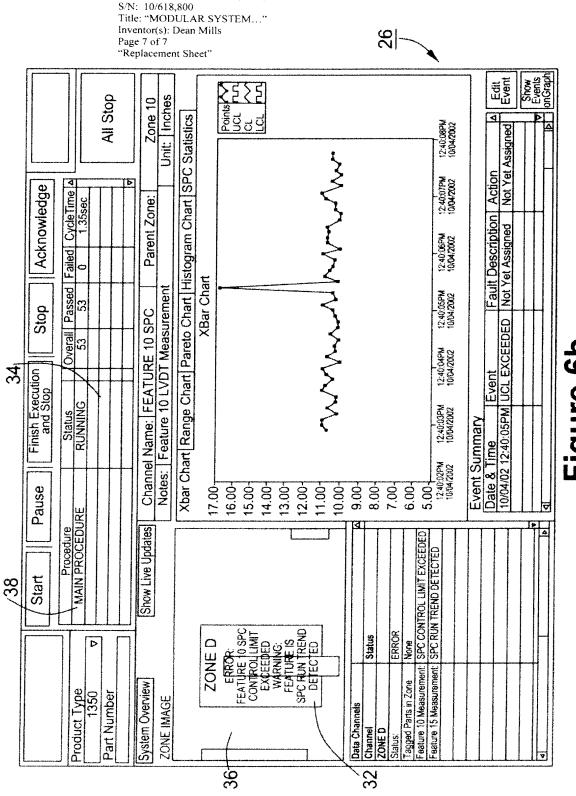
Docket #: 881-011406-US (PAR)

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Figure 5

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Figure 6b